

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

The object of the present invention is to provide an angular velocity sensor that uses Coriolis force with a flatly supported double tuning fork structure that uses an in-plane asymmetrical flexural secondary mode. A large support area is used to provide a high-precision angular velocity sensor with superior resistance to vibration and impact. A double tuning fork gyro-sensor is formed integrally from: two arms; a driver electrode formed on the arms; and a double tuning fork supporting the ends of the arms. Also included are: a detection module connected to the double tuning fork support section; a detection electrode formed on the detection module; and a support securing section for the detection module. When there is rotation, the Coriolis force acting on the arms is transferred to the detection module by way of the double tuning fork support section so that an in-plane asymmetrical flexural secondary vibration takes place.